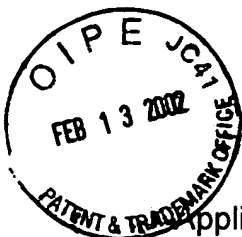


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February 13, 2002

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PATENT  
Atty. Dkt. No. 2551.062



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Charles C. Freeny, Jr. )  
Serial No.: 09/920,669 ) Art Unit: 2182  
Filed: 08/02/2001 )  
For: MASTER OPERATING SOFTWARE ) Examiner: Unknown  
SYSTEM ) Confirmation No. 6710

\*\*Box IDS  
Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

List of Sections Forming Part of This  
Information Disclosure Statement

The following sections are being submitted for this Information Disclosure Statement:

1. [X] Preliminary Statements
2. [X] Forms PTO/SB/08A and 08B (formerly Form PTO-1449)
3. [X] Statement as to Information Not Found in Patents or Publications

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\*\*I hereby certify that due to the indefinite suspension of U.S. Post Office Express Mail services, the enclosed documents are being deposited for U.S. Express Mail in an envelope addressed to: COMMISSIONER OF PATENTS, 2900 CRYSTAL DRIVE, ARLINGTON, VA 22202-3513. IT IS FURTHER OUR UNDERSTANDING THAT THE USPTO WILL BE RESPONSIBLE FOR FORWARDING ALL OF THE ENCLOSED DOCUMENTS TO THE USPTO OFFICE LOCATED IN WASHINGTON D.C.

Applicant: Charles C. Freeny, Jr.  
Title: **MASTER OPERATING SOFTWARE SYSTEM**  
Serial No.: 09/920,669  
Filed: 08/02/2001  
Atty. Dkt. No.: 2551.062

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- 4. ☒ Copies of Listed Information Items Accompanying this Statement
- 5. ☒ Identification of Person(s) Making this Information Disclosure Statement

### **Section 1. Preliminary Statements**

Applicants submit herewith patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

### **Section 2. Forms PTO/SB/08A and 08B (formerly Form PTO-1449)**

- ☒ A completed Form PTO/SB/08A and/or Form PTO/SB/08B is attached hereto.

### **Section 3. Statement as to Information Not Found in Patents or Publications (Information Not Listed in Form PTO/SB/08A and/or Form PTO/SB/08B (Formerly PTO-1449))**

Many people currently use several computers in the execution of their job duties. For example, an individual may have one computer located at work, another computer located in an office at home, and yet another computer which is portable to use when the

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individual is neither at work nor at home. The quickly changing technology in the computer area constantly requires consumers to upgrade their computer systems to meet their demands. This means that the individual must separately upgrade the software and hardware on each of the office computer, the home computer and the portable computer. To upgrade all three computers requires three separate software licenses and hardware items which are costly.

Communications software for personal computers, such as pcAnywhere obtainable from Symantec Corporation are currently available. These communication software packages permit an individual to control a first computer from a second computer over phone lines.

Large communication networks are currently in use for providing cable television and telephone services to remote locations, such as homes, offices and hotel rooms. In addition, another large network known as the "internet" is being used to permit remote computers to communicate with each other. Cable television companies have recently been interfacing the cable television networks to the telephone and internet networks to provide access to all three networks through the cable television connection provided in a large number of homes.

The companies are working to bring simpler and lower cost internet access to hundreds of millions of households by combining low cost cable television desk top controls with the phone system and a keyboard. This combination of elements and new products will allow users to access the internet and perform interactive tasks such as: a) e-mail; b) database searches; and c) interactive games and advertising.

Time share computer systems have been used for many years. With conventional time share systems, individuals could connect to a central computer from a so-called "dumb" terminal and purchase time on a shared computer system. The dumb terminal communicated with the shared computer system via either phone line or hard wire remote terminal lines. The time share systems have largely been replaced by a personal computer, or a local area network (LAN) system which connects a large number of personal computers together so that resources can be shared.

However, these new systems and networks do not address the problems facing computer users which are: 1) fast obsolescence of personal computer models and operating systems; 2) increasing demand for more memory and speed; 3) constant upgrades of software programs; and 4) need for computer portability by more and more people. It is to such an improved split personal computer system that the present invention is directed. The system of the present invention can be implemented by utilizing a programming language called JAVA, which was developed by Sun Microsystems, Inc. The

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JAVA language is ideally suited to allow communication between the Graphical User Interface (GUI) requirements of a local portion of the split personal computer system and the remote portion of the split personal computer system. The remote portion of the split personal computer system can operate C++ language application programs.

Currently, and in the past, an individuals personal computer (PC) could only be accessed via a network using specialized software such as PC Anywhere, windows dial up networking, or a client server system which has a limited number of station locations. This requires very specialized software at both locations along with periodic maintenance at both locations. The worst part of this situation is that each individual is responsible for upgrading, both his hardware and software. The PC obsolescence rate is approximately every eighteen months and is not expected to change in the next twenty years. Both of these problems make using a personal computer very time consuming (low productivity) and location restrictive (inconvenient) at best.

The two current basic solutions to these PC problems revolve around (a) the portable computer and (b) the attempt to expand and simplify client/server systems.

The portable computer industry has grown rapidly to try and eliminate the location restrictions, but portable PC machines suffer from the same obsolescence problems along with another major inconvenience. That of having to carry a computer when traveling and batteries etc.

The solution by the so called "thin client" PC networks is to connect inexpensive PC's (referred to as thin clients) to a company network so employees do not have to maintain as many files at their locations. Such approaches are practical for the work place where many files are shared, but not for the individuals Personal Computer where no files are shared.

This invention relates to the methods by which computer systems are controlled by individuals using a terminal of some type and the terminal patterns presented to the user for controlling the computer system. In particular this invention relates to a general method for users to control computer systems and networks from computer interface devices (terminals) such as computer screens, radios, telephones or keyboards that precludes the user from changing the terminal control patterns increasing the entropy of the interface device control terminal as they operate the computer system.

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#### **Section 4. Copies of Listed Information Items Accompanying this Statement**


Legible copies of all items listed in Form PTO/SB/08A and/or Form PTO/SB/08B (Formerly Form PTO-1449) accompany this information disclosure statement.

#### **Section 5. Identification of Person(s) Making this INFORMATION DISCLOSURE STATEMENT**

The person making this statement is the attorney who signs below on the basis of the information:

- ☒ [X] supplied by the inventor(s)
- ☒ [X] supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)).
- ☒ [X] in the attorney's file

Respectfully submitted,

  
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